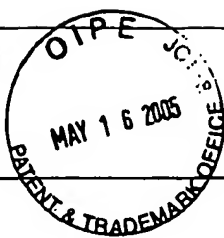


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 List of Documents Cited by Applicant



Attorney Docket No.:
 ST02009CI1 (245-US-CIP1)

Serial No.:
 10/632,051

Applicant(s): Gronemeyer, Steve et al.

Filing Date: 07/30/2003

Group: 3662
 2618

U.S. PATENT DOCUMENTS

Examiner Initials	No.	Document Number	Date	Name	Class	Subclass	Filing date if Appropriate
DN	01	6,028,887 A	02/22/2000	Harrison et al.			
	02	2002/0132648 A1	09/19/2002	Kerth et al.			
	03	2002/0141511 A1	10/03/2002	Vishakhadatta et al.			
	04	2002/0142741 A1	10/03/2002	Molnar et al.			
	05	2002/0168951 A1	11/14/2002	Paulus et al.			
	06	2002/0128942 A1	11/14/2002	Vishakhadatta et al.			
	07	2002/0168952 A1	11/14/2002	Vishakhadatta et al.			
	08	2002/0172263 A1	11/21/2002	Kindred et al.			
	09	2002/0187763 A1	12/12/2002	Lim et al.			
	10	2002/0193084 A1	12/19/2002	Lim et al.			
	11	2002/0193140 A1	12/19/2002	Behrens et al.			
	12	2003/0003887 A1	01/02/2003	Lim et al.			
	13	2003/0013428 A1	01/16/2003	Marquez et al.			
	14	2003/0017809 A1	01/23/2003	Garlepp et al.			
	15	2003/0063690 A1	04/03/2003	Paulus et al.			
	16	2003/0232613 A1	12/18/2003	Kerth et al.			
↓	17	2004/0077327 A1	04/22/2004	Lim et al.			
DN	18	2004/0166822 A1	08/26/2004	Gronemeyer, Steve et al.			

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Applicant(s): Gronemeyer, Steve et al.		Filing Date: 07/30/2003
Group: 3662 2618		

FOREIGN PATENT DOCUMENTS

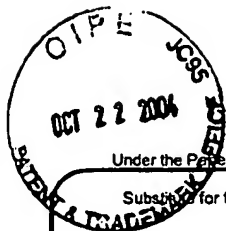
Examiner Initials	No.	Document Number	Date	Name of Patentee or Applicant	Country	Translation Yes No
DN	19	WO 97/14053	04/17/1997	Snaptrack, Inc.		X
DN	20	WO 02/056487	07/18/2002	Silicon Laboratories, Inc.		X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initials	No.	Full Information Of Document
DN	21	New Fast GPS Code-Acquisition Using FFT, Electronic Letters, Vol. 27, Number 2, pages 158-159 (1991)
DN	22	Novel Fast GPS/GLONASS Code Acquisition Technique Using Low Update Rate FFT, Electronic Letters, Vol. 28, Number 9, pages 863-865 (1992)
DN	23	A Low Cost GPS Receiver for In-Vehicle Navigation, Steven Moore, 10 pages
DN	24	SiGe Semiconductor SE4100L data sheet, 16 pages (August 6, 2002)
DN	25	SiRFStar [®] GPS Architecture GRF1/LXi data sheet, 16 pages (February 2001)
DN	26	SiRFStar [®] GPS Architecture GSP1/LX data sheet, 52 pages (March 31, 2000)
DN	27	SiRFStar [®] Ite Chip Set Architecture Sheet, 2 pages (January 2002)
DN	28	SiRFStar [®] Ite/LP Chip Set Architecture Sheet, 2 pages, (February 2002)
DN	29	SiRFStar [®] Ilt Chip Set Architecture Sheet, 2 pages (January 2002)

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Sheet 1 of 2

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Application Number	10/632,051
Filing Date	July 30, 2003
First Named Inventor	Steven A. Gronemeyer
Art Unit	2662-2618
Examiner Name	Unassigned NGUYEN
Attorney Docket Number	ST02009CIP1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
DN	1	US- 2002-0132648 A1	09-19-2002	Kerth et al.	
	2	US- 2002-0141511 A1	10-03-2002	Vishakhadatta et al.	
	3	US- 2002-0142741 A1	10-03-2002	Molnar et al.	
	4	US- 2002-0168951 A1	11-14-2002	Paulus et al.	
	5	US- 2002-0128942 A1	11-14-2002	Vishakhadatta et al.	
	6	US- 2002-0168952 A1	11-14-2002	Vishakhadatta et al.	
	7	US- 2002-0172263 A1	11-21-2002	Kindred et al.	
	8	US- 2002-0187763 A1	12-12-2002	Lim et al.	
	9	US- 2002-0193084 A1	12-19-2002	Lim et al.	
	10	US- 2002-0193140 A1	12-19-2002	Behrens et al.	
	11	US- 2003-0003887 A1	01-02-2003	Lim et al.	
	12	US- 2003-0013428 A1	01-16-2003	Marquez et al.	
	13	US- 2003-0017809 A1	01-23-2003	Garlepp et al.	
	14	US- 2003-0063690 A1	04-03-2003	Paulus et al.	
	15	US- 2003-0232613 A1	12-18-2003	Kerth et al.	
DN	16	US- 2004-0077327 A1	04-22-2004	Lim et al.	
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FOREIGN PATENT DOCUMENTS

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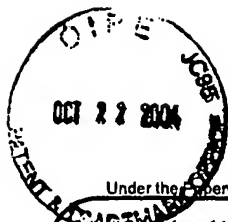
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Application Number	10/632,051
Filing Date	July 30, 2003
First Named Inventor	Steven A. Gronemeyer
Art Unit	3662 2618
Examiner Name	Unassigned NGUYEN
Attorney Docket Number	ST02009CIP1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DN	17	New Fast GPS Code-Acquisition using FFT, Electronic Letters, Vol. 27. Number 2, pages 158-160 (1991)	
DN	18	Novel Fast GPS/GLONASS Code Acquisition Technique USing Low Update Rate-FFT, Electronic Letters, Vo. 28, Number 9, pages 863-865 (1992)	

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